

Iowa Crops & Weather



Iowa Agricultural Statistics
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Warmer, Drier Conditions Aid Crop Development

The warmer weather enabled farmers to make great strides in corn and soybean planting last week. Both crops advanced to historic planting levels. However, nearly all areas of the state reported frost occurring during the previous week. Some reporters stated corn, oats and alfalfa hay may have been damaged, while others noted minimal damage due to frost.

There were 6.0 **days suitable for fieldwork**, compared to 4.5 days from the previous week. **Topsoil moisture** rated 1 percent very short, 17 percent short, 76 percent adequate, and 6 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 14 percent short, 78 percent adequate, and 7 percent surplus.

Field Crops Report: **Oat emergence** was 96 percent complete, ahead of last year's 91 percent and the 5-year average of 82 percent. **Corn planted** was 90 percent, 1 percentage point behind last year's progress of 91 percent, but 15 percentage points ahead of the 5-year average of 75 percent. **Corn emergence** was at 15 percent, up from 5 percent a week ago. **Soybean plantings** made good progress last week to 26 percent complete, near the 5-year average of 27 percent, but well behind last year's 45 percent. **Primary seedbed preparations** were 92 percent complete, while **fertilizer applications** were 96 percent complete.

Livestock, Pasture and Range Report: Livestock are reported to be in good condition. Isolated reports of scours were received. A few reports of flu in hogs were also collected. Pasture and range conditions declined from the previous week to 0 percent very poor, 6 percent poor, 18 percent fair, 63 percent good, and 13 percent excellent.

Iowa Weather Summary

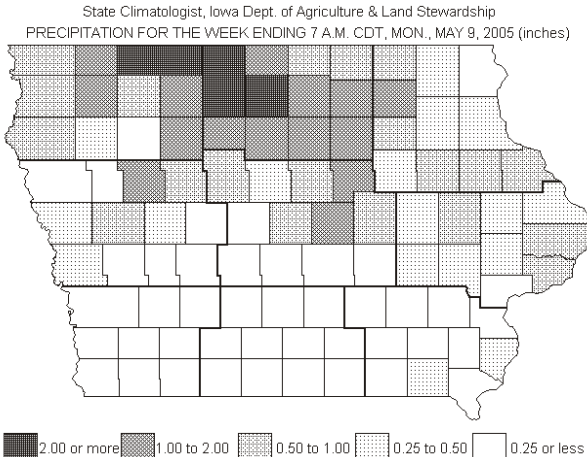
A wide variety of weather occurred across Iowa during the past

week. The past work week began with dry and very cold conditions. A hard freeze affected most of Iowa on Tuesday (3rd) and Wednesday (4th) mornings. Temperatures fell as low as 19 degrees at Grinnell, Elkader and Lowden on Tuesday morning. These 19 degree readings were monthly record lows for these cities and were the lowest May readings recorded in Iowa since 1967. Only a few scattered locations in far southern Iowa avoided a freeze. A warming trend began at midweek with temperatures climbing well above normal statewide by Friday (6th). Daytime highs ranged from only the low 40's northeast to mid 50's southwest on Monday (2nd) and were mostly in the 50's on Tuesday (3rd). Wednesday (4th) afternoon highs were in the mid 60's east to mid 70's west while Thursday (5th) saw highs mostly in the 70's statewide. High temperatures over the weekend were in the mid 70's to mid 80's. Sioux City and Glenwood reported the highest temperatures with 87 degrees on Sunday (8th). Temperatures for the week as a whole averaged 0.4 degrees below normal.

Rainfall totals were also highly variable across Iowa. No rain was reported on Monday or Tuesday while a few light showers crossed far northwest Iowa on Wednesday (4th). Light rain fell across much of the northern one-third of the state on Thursday (5th). Thunderstorms rumbled across the north one-half of Iowa on Friday (6th) evening with rain totals locally exceeding five inches at Estherville. Showers and thunderstorms were scattered over all portions of the state on Saturday and Sunday; however only a few locations received more than an inch and while some had nothing at all. Weekly rainfall totals varied from none at such locations as Des Moines, Glenwood, Osceola and Shenandoah to 5.68 inches at Estherville and 4.24 inches at Kanawha (Hancock Co.). The statewide average precipitation was 0.59 inches while normal for the week is 0.91 inches. Finally, large hail was reported across 18 west central and northwest Iowa counties on Saturday and from 6 counties in the same portions of the state on Sunday.

Statewide Crop Conditions as of May 8, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Oats	0	4	30	58	8
Range & Pasture	0	6	18	63	13



Field Work and Crop Progress as of May 8, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>				
Seedbed, primary preparation completed	89	88	93	91	93	94	92	95	95	92	81	93	87
Corn planted	93	91	87	86	93	94	87	82	92	90	54	91	75
Corn emerged	5	7	8	18	19	20	15	17	28	15	5	32	22
Soybeans planted	18	18	29	22	32	33	26	24	46	26	3	45	27
Soybeans emerged	0	0	0	1	1	2	1	1	4	1	0	0	0

Days Suitable & Soil Moisture Condition as of May 8, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>			
Days suitable	5.6	5.2	5.6	6.2	6.0	6.2	6.5	6.1	6.5	6.0	4.5	5.6
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	0	0	1	1	1	6	0	0	1	1	1	5
Short	10	3	20	13	9	50	21	13	22	17	6	24
Adequate	82	79	78	82	89	43	78	84	73	76	82	68
Surplus	8	18	1	4	1	1	1	3	4	6	11	2
Subsoil moisture												
Very short	0	0	1	2	0	3	2	2	0	1	1	5
Short	2	8	25	10	10	35	20	10	14	14	8	24
Adequate	85	76	71	83	81	62	76	82	82	78	80	69
Surplus	13	16	3	5	9	0	2	6	4	7	11	2

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, May 8, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	77	23	53	-1	2.26	1.56	4.12	0.51	55	16
	83	22	57	1	0.51	-0.16	3.47	0.25	66	13
	83	20	55	-1	0.25	-0.52	5.47	1.89	65	21
	78	27	56	3	2.48	1.85	5.23	2.05	61	3
Britt Humboldt Mason City Northwood	North Central District									
	76	26	51	-6	2.48	1.71	7.29	3.39	42	-9
	78	28	51	-7	0.81	0.04	4.42	0.50	43	-4
	77	22	53	-2	1.17	0.33	6.41	2.49	57	14
	77	25	51	-4	1.14	0.37	5.43	1.55	44	2
Decorah Dubuque Elkader Independence Waterloo	North East District									
	79	20	53	-4	0.18	-0.66	1.87	-2.50	53	3
	75	21	50	-6	0.33	-0.58	2.60	-2.16	39	-6
	78	19	49	-7	0.37	-0.47	3.20	-0.97	40	-23
	81	20	50	-6	1.69	0.85	4.94	0.63	45	-20
	81	22	53	-4	0.40	-0.48	3.07	-1.23	57	6
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	81	24	51	-8	0.00	-0.91	3.18	-1.12	46	-15
	83	27	53	-4	0.07	-0.84	3.54	-0.79	52	1
	82	31	53	-5	0.00	-0.82	4.39	0.71	51	1
	83	22	53	-5	0.00	-0.86	5.96	1.70	53	-1
	82	29	53	-5	0.00	-0.90	3.92	-0.20	48	-8
	82	28	53	-4	0.00	-0.91	2.63	-1.70	46	-5
	84	29	55	-4	0.00	-0.93	5.25	1.28	55	-7
	79	28	52	-6	0.54	-0.29	3.19	-0.56	44	-13
	86	27	57	-2	0.00	-0.74	4.18	1.00	75	15
	Central District									
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	80	23	54	-2	0.33	-0.58	3.89	-0.47	60	13
	81	25	54	-4	0.02	-0.89	2.93	-1.44	53	-1
	83	30	56	-3	0.00	-0.77	4.73	0.49	67	4
	80	27	53	-4	1.07	0.23	4.63	0.53	51	0
	79	22	53	-3	1.54	0.70	4.38	0.22	57	8
	81	31	53	-5	0.04	-0.85	4.07	-0.19	48	-10
	81	25	52	-4	0.00	-0.86	3.61	-0.51	49	-2
	79	24	51	-5	0.69	-0.23	2.69	-1.61	45	-1
	East Central District									
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	83	25	53	-4	0.13	-0.64	3.03	-1.04	55	1
	85	25	54	-5	0.01	-0.76	1.03	-3.10	54	-4
	85	24	53	-6	0.02	-0.89	3.05	-1.68	55	-13
	85	19	51	-6	0.09	-0.82	2.35	-2.44	46	-9
	79	21	49	-7	0.14	-0.63	1.40	-2.69	36	-10
	81	30	52	-7	0.00	-0.84	2.10	-2.36	42	-5
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	82	27	54	-5	0.00	-0.98	4.29	-0.21	53	-8
	85	30	56	-4	0.00	-0.96	4.36	0.32	61	-3
	81	29	54	-4	0.00	-0.83	3.32	-0.60	49	-7
	82	30	55	-5	0.02	-0.89	3.12	-1.40	53	-17
	81	33	55	-5	0.00	-0.91	4.48	0.29	55	-13
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	78	29	52	-6	0.02	-0.86	3.49	-0.84	43	9
	78	31	52	-5	0.01	-0.83	5.04	0.79	44	-12
	80	24	52	-6	0.00	-0.84	4.41	-0.09	46	-9
	80	27	54	-5	0.00	-0.91	5.04	0.42	52	-6
	80	26	52	-6	0.02	-0.95	3.66	-0.97	46	-11
Bloomfield Burlington Ottumwa	South East District									
	80	33	53	-7	0.00	-0.91	3.85	-0.70	46	-22
	84	28	54	-6	0.07	-0.77	3.71	-0.74	52	-13
	83	24	54	-5	0.00	-0.86	4.17	-0.10	58	-7

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.